



USPTO

[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

+atm +pvc +svc +connection +establishing



THE ACM DIGITAL LIBRARY

[Feedback](#) [Report](#)

Published before May 2001

Terms used [atm](#) [pvc](#) [svc](#) [connection](#) [establishing](#)Sort results by Display results 
[Save results to a Binder](#)

Try an /

[Search Tips](#)

Try this

☐ [Open results in a new window](#)

Results 1 - 13 of 13

1 [Configuring ATM Networks](#)

Wayne J. Salamon

February 1999 **Linux Journal****Publisher:** Specialized Systems Consultants, Inc.Full text available: [html\(23.41 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index t](#)

This article describes how to configure Linux-based PCs and an asynchronous transfer mode (AT

2 [Location management methods of migratory data resources in ATM networks](#)

Takahiro Hara, Kaname Harumoto, Masahiko Tsukamoto, Shojiro Nishio

April 1997 **Proceedings of the 1997 ACM symposium on Applied computing****Publisher:** ACM PressFull text available: [pdf\(785.55 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** ATM, location management, resource migration3 [Traffic descriptor mapping and traffic control for frame relay over ATM network](#)

Sudhir S. Dixit, Sharad Kumar

February 1998 **IEEE/ACM Transactions on Networking (TON)**, Volume 6 Issue 1**Publisher:** IEEE PressFull text available: [pdf\(345.04 KB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)**Keywords:** ATM, cell relay, frame relay, quality of service, traffic management4 [Design of a high-performance ATM firewall](#)

Jun Xu, Mukesh Singhal

August 1999 **ACM Transactions on Information and System Security (TISSEC)**, Volume 2 Iss**Publisher:** ACM PressFull text available: [pdf\(143.19 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [in](#)

A router-based packet-filtering firewall is an effective way of protecting an enterprise network fr  
work efficiently in an ATM network because it requires the termination of end-to-end ATM conne  
incurs huge overhead of SAR (Segmentation and Reassembly). Very few approaches to this prol  
and none is completely satisfactory. In this paper we present the hardware design ...


**Keywords:** TCP/IP, asynchronous transfer mode, firewall, packet filtering, switch architecture

5 Performance analysis of cache strategy for signaling traffic management in a wireless ATM

Gi Moo Choi, Dong Ho Cho

November 2000 **Wireless Networks**, Volume 6 Issue 5

**Publisher:** Kluwer Academic Publishers

Full text available:  [pdf\(417.77 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

6 IP switching—ATM under IP

Peter Newman, Greg Minshall, Thomas L. Lyon

April 1998 **IEEE/ACM Transactions on Networking (TON)**, Volume 6 Issue 2


**Publisher:** IEEE Press

Full text available:  [pdf\(154.32 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index](#)


**Keywords:** Internet protocol, asynchronous transfer mode, broadband communication, communication packet switching, protocols

7 Design of a high-performance ATM firewall

 Jun Xu, Mukesh Singhal


November 1998 **Proceedings of the 5th ACM conference on Computer and communications**

**Publisher:** ACM Press

Full text available:  [pdf\(1.27 MB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

8 A high fidelity ATM traffic and network simulator

 Brian W. Unger, Fabian Gomes, Xiao Zhong, Pawel Gburzynski, Theodore Ono-Tesfaye, Srinivasan Covington


December 1995 **Proceedings of the 27th conference on Winter simulation**

**Publisher:** ACM Press

Full text available:  [pdf\(889.74 KB\)](#)


Additional Information: [full citation](#), [references](#), [citations](#), [index](#)

9 Integration of circuit and packet switched transport in a 3RD generation mobile network

 Andrea Calvi, Francisco Cano Hila

October 1998 **Proceedings of the 4th annual ACM/IEEE international conference on Mobile**

**Publisher:** ACM Press

Full text available:  [pdf\(1.18 MB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

10 ATM test-bed architecture for training purposes

Rana Ejaz Ahmed

January 2001 **International Journal of Network Management**, Volume 11 Issue 1

**Publisher:** John Wiley & Sons, Inc.

Full text available:  [pdf\(159.17 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)

Due to the recent tremendous growth in ATM products, there is a strong need for training and ATM networks. This paper describes the architecture of an ATM test-bed that can be used to provide training for ATM networks. Wiley & Sons, Ltd.

11 Leaf initiated join handover evaluation

M. Teughels, I. De Coster, E. Van Lil, A. Van de Capelle  
November 2000 **Wireless Networks**, Volume 6 Issue 5

**Publisher:** Kluwer Academic Publishers

Full text available:  [pdf\(191.51 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

**12** Practical experiences for undergraduate computer networking students

Merry McDonald, Jon Rickman, Gary McDonald, Phillip Heeler, Doug Hawley


March 2001 **Journal of Computing Sciences in Colleges**, Volume 16 Issue 3

**Publisher:** Consortium for Computing Sciences in Colleges , Consortium for Computing Sciences in Colleges

Full text available:  [pdf\(78.72 KB\)](#)


Additional Information: [full citation](#), [references](#), [index terms](#)

**13** On-line routing of virtual circuits with applications to load balancing and machine scheduling

 James Aspnes, Yossi Azar, Amos Fiat, Serge Plotkin, Orli Waarts

May 1997 **Journal of the ACM (JACM)**, Volume 44 Issue 3

**Publisher:** ACM Press

Full text available:  [pdf\(380.99 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cit](#)

In this paper we study the problem of on-line allocation of routes to virtual circuits (both point-to-point and multi-point) while minimizing the required bandwidth. We concentrate on the case of  $P_{err}$  established it exists forever), and describe an algorithm that achieves on  $O(\log n)$  competitive.

**Keywords:** high-speed networks, on-line algorithms, optimization, routing

Results 1 - 13 of 13

The ACM Portal is published by the Association for Computing Machinery. Copyright  
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5999532".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/11/22 10:52
S2	19	("5185743"   "5416771"   "5479402"   "5504742"   "5513180"   "5623493").PN. OR ("5999532").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:52
S3	85388	pvc or (private near3 virtual)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:53
S4	6017	svc or (switched near3 virtual)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:53
S5	108601	atm	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:53
S6	6583	vci	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:53
S7	5297	vpi	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:53
S8	1406	S3 and S4	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:53
S9	928	S5 and S8	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:53
S10	490	S6 and S7 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:54
S11	3360194	@ad<"20010501"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:54
S12	325	S11 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:55
S13	4940	709/227-228.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:55
S14	13	S12 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:56

## EAST Search History

S15	12	pvc and svc and S14	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 10:56
-----	----	---------------------	------------------------------	----	----	------------------